



Riding Out Future Quakes

FIVE SUBREGIONAL WORKSHOPS TO PLAN FOR POST-EARTHQUAKE TRANSPORTATION RESPONSE IN THE BAY AREA

Thursday, Oct. 1, 1998
Wednesday, Oct. 14, 1998
Thursday, Oct. 22, 1998
Tuesday, Nov. 17, 1998
Friday, Nov. 20, 1998

Inland East Bay and Solano County
Sonoma & Napa Counties
East & North Bay
San Francisco & Peninsula
Silicon Valley

Martinez
Santa Rosa
Oakland
Foster City
San Jose

ABAG, Inc.
P.O. Box 2050
Oakland, CA 94604

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Dear Local Government, Business, or Community Member:

You are invited to take part in a workshop on transportation issues facing regional communities in the event of a large earthquake in the Bay Area. The Association of Bay Area Governments (ABAG) will be holding a series of workshops in various locations throughout the Bay Area. These workshops will bring together representatives from local government agencies, businesses, community groups, and utility companies to discuss strategies to cope with road closures and other transportation impacts after such a disaster.

For the past three years, ABAG has been working with Caltrans, the US Geological Survey and a committee of transportation providers, utilities, and emergency response professionals to create estimates of the location and number of road and highway closures in future earthquakes.

We are now ready to talk about what we should be doing to minimize problems and we would like your help. We are interested in your thoughts. These meetings are WORKSHOPS, not lectures. We want to encourage discussion and get feedback from you.

Each workshop will feature a set of speakers with regional and local experience in response planning. The workshops will also include break-out sessions in which you will be asked to participate. In these sessions you will respond to simulations of likely road closures that would occur in each sub-region in the event of a large earthquake along one of the most troublesome faults in that area.

Once we know the magnitude and causes of these transportation problems, each of us can:

- ♦ respond effectively when earthquakes occur;
- ♦ identify specific issues that will impact our abilities to respond and to recover; and
- ♦ develop action plans to speed our organizations' transportation recovery processes.

Please help us to identify the full range of likely transportation problems and to establish our responsibilities as Bay Area transportation users and providers in mitigating them.

Sincerely yours,

Jeanne Perkins

Earthquake Program Manager, Association of Bay Area Governments (ABAG)

Speakers

Martinez
Oct. 1

Santa Rosa
Oct. 14

Oakland
Oct.22

Foster City
Nov. 17

San Jose
Nov. 20

Morning session on regional perspective

Sarah Nathe
OES

Keith Ann Stockdale
OES

Sarah Nathe
OES

LaVange Guinn
OES

LaVange Guinn
OES

Dean Bullert
UPS

Sandy Stoddard
Red Cross

Scott Grago
PacBell

Doug Sandy
Red Cross

Scott Grago
PacBell

Afternoon session on local experiences

Chris Wimmer
Chevron

Sandy Covall
Sonoma County OES

Mia Weller
Chevron

Dean Bullert
UPS

Bill Sherman
Intel

Lt. Wayne Butler
CHP-Martinez

Frank Prim
City of Napa

Henry Renteria
Oakland OES

Rich Cunningham
SF Public Works

Frannie Winslow
San Jose OES

Jay White
B.A. Airlift Volunteers

Woody Savage
PG&E

Jim Cater
AC Transit

Jay White
B.A. Airlift Volunteers

Representative
San Jose Airport

Subregional Workshop Agendas

RIDING OUT FUTURE QUAKES!

Post-Eathquake Transportation Response in the Bay Area

9:00 A.M. WELCOME - *Jeanne Perkins*
Earthquake Program Manager
Association of Bay Area Governments (ABAG)

9:10 A.M. WHAT WE THINK WILL HAPPEN
Riding Out Future Quakes
Jeanne Perkins, ABAG

9:30 A.M. THE REGIONAL PERSPECTIVE
(See list of speakers on facing page.)

10:15 A.M. BREAK

10:30 A.M. IDENTIFICATION OF MAJOR ISSUES,
 INTERAGENCY DEPENDENCIES, AND AREAS
 OF POTENTIAL CONFLICT
 Break-out groups to address issues facing local
 communities in response to earthquake scenario
 along local fault.

NOON LUNCH - Sandwiches provided

12:45 P.M. REVIEW OF GROUP DISCUSSION
 Groups to report on results of morning break-out
 sessions.

1:00 P.M. LOCAL DISASTER EXPERIENCES
 Government and business leaders to talk about
 their experiences with response planning.
(See list of speakers on facing page.)

2:00 P.M. EARTHQUAKE RESPONSE AND RECOVERY
 STRATEGY DEVELOPMENT
 Break-out groups to develop action plans and
 "take-home" messages for organizations
 involved.

3:30 P.M. REVIEW OF GROUP DISCUSSION
 Groups to report on results of afternoon break-
 out sessions.

3:50 P.M. WHERE DO WE GO FROM HERE?
Jeanne Perkins, ABAG

4:00 P.M. END OF WORKSHOP

Contact Ian O'Donnell at ABAG for more information
 about the workshops by phoning (510) 464-7946,
 or e-mail him at iano@abag.ca.gov.

Check out ABAG's website
 at <http://quake.abag.ca.gov>
 to see information from the related reports
 published by ABAG.

Likely Scenarios

Our transportation system suffered extensive damage due to the Loma Prieta earthquake in 1989. There were 142 road closures, including the spectacular failures of the Cypress structure in Oakland and the Oakland-San Francisco Bay Bridge. The Northridge earthquake in 1994 resulted in a similar number of closures. Yet disaster operations functioned, people were able to work, and the economy did not collapse.

However, these past earthquakes were only driver's training for transportation response planning in the Bay Area. ABAG examined the effect of twelve possible future earthquakes on our transportation system.

We are projecting far more extensive damage to our transportation system in nine future Bay Area earthquakes than from either the Loma Prieta or Northridge earthquake as shown in the table below.

Disruptions on this scale will significantly affect the ability of local governments and businesses to provide the services that their constituents and clients need and expect. Even as the dust settles and immediate rescue efforts are completed, continuing road closures will impede employees and customers from reaching their destinations and firms from transporting supplies and other goods for some time.

	Concord-Green Valley	Healdsburg- Rodgers Creek	Southern Hayward	Northern Hayward	Peninsula-Golden Gate San Andreas
Moment magnitude	7.1	7.1	7.0	7.1	7.3
# of road closures	337	350	809	890	836
Counties significantly affected	Contra Costa, Solano, & Alameda	Sonoma, Marin Alameda, & SF	Alameda & Santa Clara	Alameda & Contra Costa	San Mateo, Santa Clara, SF
Closures might include:	680, 80, 4, 121, 242	101, 37, 116, 121, northern Bay bridges	580, 13, 880, all of the bridges across Bay	13, 580, all of the bridges across Bay	1, 9, 35, 84, 92, 280, some of the bridges
Probabilty within next 30 yrs.	9%	22%	23%	28%	8%

The five workshops will be held at the following locations. Feel free to attend whichever workshop is most convenient and of greatest interest; however if you represent a government agency or utility we ask that you try to attend the workshop that is most likely to cover your community.

Date	Location
Thursday, Oct. 1, 1998	Inland East Bay and Solano County Martinez, City Hall 525 Henrietta St.
Wednesday, Oct. 14, 1998	Sonoma & Napa Counties Santa Rosa, Sonoma County Planning Commission 2550 Ventura Ave.
Thursday, Oct. 22, 1998	East & North Bay Oakland, MetroCenter Auditorium 101 8th St. at corner with Oak St.
Tuesday, Nov. 17, 1998	San Francisco & Peninsula Foster City, Community Center 1000 East Hillsdale Blvd.
Friday, Nov. 20, 1998	Silicon Valley San Jose, Old Firehouse 1600 Senter Rd. in San Jose Historical Museum

If you have questions or concerns, contact Ian O'Donnell at ABAG by phoning (510) 464-7946, or e-mail him at iano@abag.ca.gov.

Directions to the workshop will be mailed with your registration confirmation.

Workshop Registration Form

Registration is limited! Please register early to reserve a space. There is a \$40.00 charge for the workshop (\$32 for members) to cover the costs of workshop materials, ***Riding Out Future Quakes*** report, and lunch. Pre-registration required!

Name _____	Title/Dept. _____
Organization _____	Phone (____) ____ - _____
Street Address _____	Fax (____) ____ - _____
City, State, Zip _____	Email _____

Workshop (<i>check one</i>) <input type="checkbox"/> Martinez Thursday, Oct. 1, 1998 <input type="checkbox"/> Santa Rosa Wednesday, Oct. 14, 1998 <input type="checkbox"/> Oakland Thursday, Oct. 22, 1998 <input type="checkbox"/> Foster City Tuesday, Nov. 17, 1998 <input type="checkbox"/> San Jose Friday, Nov. 20, 1998	Payment (<i>check method</i>) <input type="checkbox"/> Check enclosed payable to ABAG, Inc. <input type="checkbox"/> \$40 <input type="checkbox"/> VISA/Mastercard <input type="checkbox"/> \$32 for ABAG members Refunds will be issued up to seven days before the workshop. Card Holder's Name _____ Card Number _____ Exp. Date _____ Signature _____
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Mail to : ABAG Earthquake Program
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or FAX to (510) 464-7970

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